

ABSTRACT

A method, control system, computer program, and article of manufacture for controlling hydraulic press systems, and a new press system that utilizes a number of improvements over the assignee's original system. The control system is designed to control a hydraulic press having a
5 die, at least two separate sets of workpiece forming punches, and at least two hydraulic pistons, each operatively associated with one set of workpiece-forming punches. The control system includes a means for controlling a magnitude of a pressing force applied by each set of workpiece-forming punches, and a means for controlling a position of each set of workpiece-forming punches relative to the die.